



Missouri
Department of
Natural Resources

Ameren Energy Generating Company
Electric Generation and Emissions in 2010

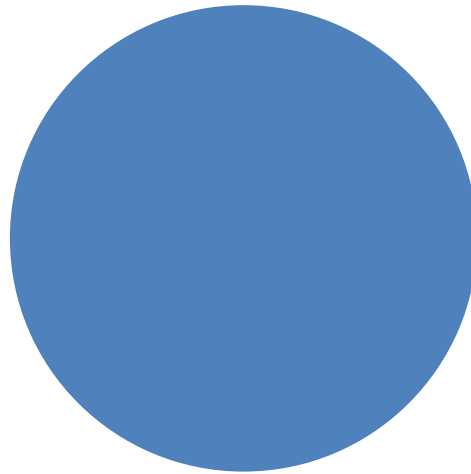
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas	51,646	100.0%	100.0%	3,673	100.0%	100.0%
Petroleum						
Nuclear						
Other						
Non-renewable total	51,646	100.0%	100.0%	3,673	100.0%	100.0%
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind						
Wood						
Renewable total						
Grand total	51,646		100.0%	3,673		100.0%

Fuel Type	Physical Units	Number of Units
Natural Gas	MCf	51,288



Net Generation by Fuel Type, 2010 for Ameren Energy Generating Company



■ Natural Gas 100.0%



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Power Plant Nameplate information for Ameren Energy Generating Company

Plant Name	County Location	Nameplate Capacity (MW)
<i>Ameren Energy Generating Company</i>		488.4
Columbia Energy Center	Boone	488.4



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Emissions from Electricity Generated in 2010: Ameren Energy Generating Company

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
<i>Ameren Energy Generating Company</i>	17,936	9,055	171	17
Columbia Energy Center	17,936	9,055	171	17

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
<i>Ameren Energy Generating Company</i>	0	0.0000	0.0000
Columbia Energy Center	0	0.0000	0.0000



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Identified Flue Gas Desulfurization (FGD) controls installed on plants operated by Ameren Energy Generating Company

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on plants operated by Ameren Energy Generating Company

Plant	Control Equipment
	No FGP Controls Installed

Notes:

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>